



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBE117-12020-W14
Job Sheet 202969



Part No: RBE117-12020-W14

Job Qty: 8 pcs

Part Name: Mounting Ring Input Main Gear Box



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/6/19

Job Tracking No:

Due Date: 11/27/19

Created By: Jennifer Renwick

Type: SOLD

Description: Order 19806

Note: DWG RBE117-12020-W14 Rev. B IPP Rev. A 18.09.26 New issue DP Verify DD/IPP Rev. B 19.09.23 drawing revision DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier Lead Time		
80	Bandsaw - 1	8 pcs	11/27/19	11/27/19	0.00	0.53	Bandsaw - 1		DP 2019-11-08
90	Outsource - 1 - Heat Treat	8 pcs	11/27/19	11/27/19			ATL002-VC 5		
95	Packaging 2-1 - Receive - B4B	8 pcs	11/27/19	11/27/19	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		DP NOV 18 2019
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		
							Packaging 2 - 28 - B4B		



DART
AEROSPACE

Container No: S229602



Part: RBE117 - 12020 - W14
Job No: 202969
Serial No/Batch: S229602
Revision: B
Inspector:
Exp Date:
Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hewkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 11/06/19



Dart Aerospace Ltd.
1270 Aberdeen Street
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S229602



Part: RBE117-12020-W14

Job No: 202969

Serial No/Batch: S229602

Revision: B

Inspector:

Exp Date:

Instructions:

Date: 11/06/19

Plex 11/6/19 10:52 AM Dart.Renwick.Jennifer

					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
100	QC 6	8 pcs	11/27/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
					QC 6 - 81	
110	NLX 2500SY - B4B	8 pcs	11/27/19	1.00 0.80	NLX 2500SY - 1 - B4B	
120	QC 2	8 pcs	11/27/19	0.00 0.00	QC 2 - 1	
					QC 2 - 12	
					QC 2 - 14	
					QC 2 - 17	
					QC 2 - 19	
					QC 2 - 2	
					QC 2 - 20	
					QC 2 - 22	
					QC 2 - 23	
					QC 2 - 25	
					QC 2 - 32	
					QC 2 - 33	
					QC 2 - 35	
					QC 2 - 39	
					QC 2 - 4	
					QC 2 - 40	
					QC 2 - 44	
					QC 2 - 45	
					QC 2 - 48	
					QC 2 - 49	
					QC 2 - 50	
					QC 2 - 51	
					QC 2 - 52	
					QC 2 - 57	
					QC 2 - 62	
					QC 2 - 63	
					QC 2 - 8	
					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
130	QC 8	8 pcs	11/27/19	0.00 0.00	QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	

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				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
				QC 8 - 76	
				QC 8 - 61	
140	Outsource - 12 - Black Oxide	8 pcs	11/27/19	GRO002-VC	2019-11-26
150	Packaging 2-2 - Receive - B4B	8 pcs	11/27/19	0.00 0.00	Packaging 2 - 1 - B4B
					Packaging 2 - 2 - B4B
					Packaging 2 - 3 - B4B
					Packaging 2 - 5 - B4B
					Packaging 2 - 4 - B4B
					Packaging 2 - 6 - B4B
					Packaging 2 - 7 - B4B
					Packaging 2 - 8 - B4B
					Packaging 2 - 9 - B4B
					Packaging 2 - 10 - B4B
					Packaging 2 - 11 - B4B
					Packaging 2 - 12 - B4B
					Packaging 2 - 13 - B4B
					Packaging 2 - 14 - B4B
					Packaging 2 - 15 - B4B
					Packaging 2 - 16 - B4B
					Packaging 2 - 17 - B4B
					Packaging 2 - 18 - B4B
					Packaging 2 - 19 - B4B
					Packaging 2 - 20 - B4B
					Packaging 2 - 21 - B4B
					Packaging 2 - 22 - B4B
					Packaging 2 - 23 - B4B
					Packaging 2 - 24 - B4B
					Packaging 2 - 25 - B4B
					Packaging 2 - 26 - B4B
					Packaging 2 - 27 - B4B
					Packaging 2 - 28 - B4B
					Packaging 2 - 29 - B4B
					Packaging 2 - 30 - B4B
					Packaging 2 - 31 - B4B
					Packaging 2 - 32 - B4B
					Packaging 2 - 33 - B4B
					Packaging 2 - 34 - B4B
					Packaging 2 - 35 - B4B
					Packaging 2 - 36 - B4B
160	QC 6	8 pcs	11/27/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
					QC 6 - 81
210	Packaging 3-1 - Stock - B4B	8 pcs	11/27/19	0.00 0.00	Packaging 3 - 1 - B4B

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				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	DAS
				Packaging 3 - 6 - B4B	28
				Packaging 3 - 7 - B4B	9-89
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
220 QC 21 - FG	8 pcs	11/27/19	0.00 0.00	QC 21 - FG - 21	
				QC 21 - FG - 70	DAS DEC 10 2019
				QC 21 - FG - 53	21
Part Op 80 - CUT BLANK AT 6.0" *****ONE BLANK MAKES TWO PARTS***** Descriptions: 90 - (Outsource process - Heat Treat) 1-Issue P/O; P/O <u>45059</u> RC 40-45 2-Bead blast 3-Apply LPS-3 to ALL steel parts 4-Certificate of Conformity is required 95 - (Receive & Inspect for Damage & Mat'l Certs) 100 - QC6- All purchased or subcontracted products 110 - NLX (MORI NLX 2500SY LATHE) 1-Machine as per DWG. FC421 FOLIO REV: <u>AA</u> DWG REV: <u>B</u> 2-Deburr 3-Apply LPS-3 to ALL steel parts 120 - (QC2- Inspect parts off machine FAI/FAIB) 130 - (QC8- Inspect parts - second check) 140 - (Outside Processing - Black Oxide) -Issue P/O PO <u>45219</u> -Black oxide finish, MIL-C-13924C Class 1 - Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required 150 - (Receive & Inspect for Damage & Mat'l Certs) 160 - (QC6- All purchased or subcontracted products) 210 - (Identify as per dwg & Stock Location: _____) 220 - (QC21- Final Inspection - Work Order Release)					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
MT-4140QT-R3.500	AISI 4140 Quenched & Tempered Steel Round Bar 3.500" Dia.	1.8400 ft (.23 ea)	80-Bandsaw - 1	5040570	

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
80-Bandsaw - 1	MT-4140QT-R3.500	2	12	0
Part Specifications				
Specifications could not be found.				

Plex 11/6/19 10:52 AM Dart.Renwick.Jennifer

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB045059**



Supplier: ATL002-VC
Atlantic Heat Treat 2001
401 Frankcom
Ajax
ON
L1S 1R4 Canada
Phone: 866 257 6395

Attention: Ananth, Nimmy

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045059

PO Date: 11/8/19

Due Date: 11/19/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items												
Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	200692	PC250-300	PC250-300 Rev 1	Load Beam 1-Issue P/O Heat treat RC 53-56 2-Bead blast 3-Material type 4140 4-Apply LPS-3 to ALL steel parts 5-Certificate of Conformity is required	Firmed	-	11/19/19	3 pcs	0 pcs	3 pcs	\$64.5133/pcs	\$193.54
2	202969	RBE117-12020-W14	RBE117-12020-W14 Rev B	Mounting Ring Input Main Gear Box (Outsource process - Heat Treat) 1-Issue P/O RC 40-45 2-Bead blast 3. Material 4140 -Apply LPS-3 to ALL steel parts 4-Certificate of Conformity is required	Firmed	-	11/19/19	8 pcs	0 pcs	8 pcs	\$16.415/pcs	\$131.32
Line Item Note **4 blanks sent; will be cut into 2 = 8 pcs												
3	200691	PC250-700	PC250-700 Rev 2	Lever Arm 1-Issue P/O RC 42-44 2-Bead blast 3-Material type 4140 4-Apply LPS-3 to ALL steel parts 5-Certificate of Conformity is required	Firmed	-	11/19/19	4 pcs	0 pcs	4 pcs	\$43.75/pcs	\$175.00

Plex 11/15/19 10:14 AM Dart.Guerin.Kimberley



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Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045059



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	201020	RBE117-15004W6-17	RBE117-15004W6 Rev B	Ring 1-Issue P/O RC 48-52 2-Bead blast 3-Material type O1 4-Apply LPS-3 to ALL steel parts 5-Certificate of Conformity is required	Firmed	-	11/19/19	7 pcs	0 pcs	7 pcs	\$11.4285/pcs	\$80.00
5	200895	RBE105-14181W4-15	RBE105-14181W4 Rev C	Base 1-Issue P/O RC 48-52 2-Bead blast 3-Material type O1 4-Apply LPS-3 to ALL steel parts 5-Certificate of Conformity is required	Firmed	-	11/19/19	6 pcs	0 pcs	6 pcs	\$13.3333/pcs	\$80.00
6	201019	RBE117-15004W6-15	RBE117-15004W6 Rev B	Spacer Ring 1-Issue P/O RC 48-52 2-Bead blast 3-Material type O1 4-Apply LPS-3 to ALL steel parts 5-Certificate of Conformity is required	Firmed	-	11/19/19	7 pcs	0 pcs	7 pcs	\$11.4285/pcs	\$80.00
7	200890	PC250-530	PC250-530A Rev 1	Shaft 1-Issue P/O Heat treat RC 44-46 2-Bead blast 3-Apply LPS-3 rust inhibitor 4-Material type 4140 5-Certificate of Conformity is required	Firmed	-	11/19/19	3 pcs	0 pcs	3 pcs	\$26.6666/pcs	\$80.00
8	201077	PC250-610	PC250-610 A	Pin 1-Issue; P/O RC 42-44 2-Bead blast 3-Material type 4140 - lightly oil parts after bead blast 4- Certificate of Conformity is required	Firmed	-	11/19/19	20 pcs	0 pcs	20 pcs	\$4.00/pcs	\$80.00
Grand Total:											\$899.86	

Guerin



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

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PURCHASE ORDER
POHB045059



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/15/19 10:14 AM Dart.Guerin.Kimberley

Shipping Ticket

Sold To: 1448
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Ship To: 168775
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Page 1 of 1

Purchase Order Number	Packing List No	Customer Job No	Route	Carrier
POHB045059				

Quantity	Part No. / Part Name / Part Description	Pounds
4 PCS	MATERIAL 4140 BEAD BLAST AND HEAT TREAT TO 40-45RC C OF C, PRT# RBE117-12020-W14, JOB# 202969, RUSH	

Container Type	# Of Containers	Cust Cont Id	Container Type	# Of Containers	Cust Cont Id
BOX	1				

NOTICE: OUR LIABILITY IS LIMITED TO OUR INVOICE CHARGES ONLY

Shipped Complete

Quantity Shipped:

4

Pounds Shipped:

68.00

DART AEROSPACE LTD.

NOV 18 2019

RECEIVED

RECEIVED

NOV 18 2019

DART AEROSPACE LTD.

RECEIVED

NOV 18 2019

DART AEROSPACE LTD.

DART AEROSPACE LTD.

NOV 18 2019

RECEIVED

Order No.: 171984

Shipped Complete

Quantity Shipped:

4.00

Received By:

Date:

Pounds Shipped:

68.00

Sold To: DART AEROSPACE LTD.

Shipped ON: 11/14/2019

Certification

Date: 11/15/2019

Entry Date: 11/14/2019

Page: 1 of 1

To:DART AEROSPACE LTD.
1270 ABERDEEN ST

Purchase Order No.: POHB045059

Packing List No.:

HAWKESBURY ON K6A 1K7

Material: 4140

We are pleased to provide you with the following Certificate of Compliance.

Quantity	Part Number / Part Name / Part Description	Pounds
4	4 PCS MATERIAL 4140 BEAD BLAST AND HEAT TREAT TO 40-45RC C OF C, PRT# RBE117-12020-W14, JOB# 202969, RUSH	68

Insp. Type	Scale	Minimum	Maximum	Number	Other
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Customer Requirements:

Harden rockwell

Results:

Harden ROCKWE 40. 45. 45. TESTED AS PER SAMPLING PLAN

HEAT TREATED TO 45 RC AS PER CUSTOMER REQUEST

STATEMENT OF LIMITED LIABILITY (PLEASE READ CAREFULLY). ALL WORK IS ACCEPTED SUBJECT TO THE FOLLOWING CONDITIONS: It is recognized that even after employing all the scientific methods known to us, hazards still remain in metal treating. THEREFORE, OUR LIABILITY SHALL NOT EXCEED TWICE THE AMOUNT OF OUR CHARGES FOR THE WORK DONE ON ANY MATERIAL (FIRST TO REIMBURSE FOR THE CHARGES AND SECOND TO COMPENSATE IN THE AMOUNT OF THE CHARGES), EXCEPT BY WRITTEN AGREEMENT SIGNED BY THE METAL TREATER. THE CUSTOMER, BY CONTRACTING FOR METAL TREATMENT, AGREES TO ACCEPT THE LIMITS OF LIABILITY AS EXPRESSED IN THIS STATEMENT TO THE EXCLUSION OF ANY AND ALL PROVISIONS AS TO LIABILITY ON THE CUSTOMER'S OWN INVOICES, PURCHASE ORDERS OR OTHER DOCUMENTS. IF THE CUSTOMER DESIRES HIS OWN PROVISIONS AS TO LIABILITY TO REMAIN IN FORCE AND EFFECT, THIS MUST BE AGREED TO IN WRITING, SIGNED BY AN OFFICER OF THE TREATER. IN SUCH EVENT, A DIFFERENT CHARGE FOR OUR SERVICES REFLECTING THE HIGHER RISK TO TREATER, SHALL BE DETERMINED BY THE TREATER AND CUSTOMER. THE TREATER MAKES NO EXPRESS OR IMPLIED WARRANTIES AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF THE FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, AS TO THE PERFORMANCE OF CAPABILITIES OF THE MATERIAL AS HEAT TREATED, OR THE HEAT TREATMENT THE AFOREMENTIONED LIMITATION OF LIABILITY STATED ABOVE IS SPECIFICALLY IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, AND OF ANY OTHER SUCH OBLIGATION ON THE PART OF THE TREATER. No claim for shortage in weight or count will be entertained unless presented within five (5) working days after receipt of materials by customer. No claim will be allowed for shrinkage, expansion, deformity, or rupture of material in treating or straightening, except by prior written agreement, as above, nor in any case for rupture caused by or occurring during subsequent grinding. Whenever we are given material with detailed instructions as to treatment, our responsibility shall end with the carrying out of those instructions. Failure by a customer to indicate plainly and correctly the kind of material (i.e., proper alloy designation) to be treated, shall cause an extra charge to be made to cover any additional expense incurred as a result thereof, but shall not change the limitation of liability stated above. Customer agrees there will be no liability on the treater in contract for any special, indirect or consequential damages arising whatsoever, including but not limited to personal injury, property damage, loss of profits, loss of production, recall or any other losses, expenses or liabilities allegedly occasioned by the work performed on the part of the treater. It shall be the duty of the customer to inspect the merchandise immediately upon its return, and in any event claims must be reported prior to the time that any further processing, assembling or any other work undertaken. OUR LIABILITY TO OUR CUSTOMERS SHALL CEASE ONCE ANY FURTHER PROCESSING, ASSEMBLING OR ANY OTHER WORK HAS BEEN UNDERTAKEN ON SAID MATERIAL. No agent or representative is authorized to alter the above conditions, except by writing duly signed by an officer of treater.

DAS
40
9-89JOSE GONZALEZ
QUALITY CONTROL
ATLANTIC HEAT TREATING 2001 LTD



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB045219**



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045219

PO Date: 11/26/19

Due Date: 12/4/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-11-27

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	202117	RB T101530-9	RB T101530 Rev A	Roller (Outside Processing - Black Oxide) -Issue PO -Material; O1 tool steel -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; O1 -Certificate of Conformity is required	Firmed	-	12/4/19	8 pcs	0 pcs	8 pcs	\$1.99/pcs	\$15.92
2	203467	RBW6521A00138- W142G-3T-3	RBW6521A00138-W142G-3T Rev 1A	Remover Tool -Issue P/O: -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed	-	12/4/19	9 pcs	0 pcs	9 pcs	\$4.98/pcs	\$44.82



Dart Aerospace Ltd.
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PURCHASE ORDER POHB045219



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	202969	RBE117-12020-W14	RBE117-12020-W14 Rev B	Mounting Ring Input Main Gear Box (Outside Processing - Black Oxide) -Issue P/O -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed	-	12/4/19	8 pcs	0 pcs	8 pcs	\$8.85/pcs	\$70.80
4	198995	RBW6510G07131-6F	RBW6510G07131-6F Rev A	Wrench Assembly #1 -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; O1 -Certificate of Conformity is required	Firmed	-	12/4/19	6 pcs	0 pcs	6 pcs	\$4.55/pcs	\$27.30
5	202177	RBA9935	RBA9935 Rev 2	Draw Bolt (Outside Processing - Black Oxide) -Issue P/O -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Certificate of Conformity is required	Firmed	-	12/4/19	8 pcs	0 pcs	8 pcs	\$1.75/pcs	\$14.00

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB045219**



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	202702	RBW6521A00138-W142G-3T-1	RBW6521A00138-W142G-3T Rev 1A	Remover Base -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed	-	12/4/19	6 pcs	0 pcs	6 pcs	\$3.98/pcs	\$23.88

Grand Total: \$196.72

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/27/19 2:26 PM Dart.Guerin.Kimberley

Certificat de Conformité / Certificate of Compliance



2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

024462 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Crée Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
02-Dec-2019		Karan Singh		POHB045219				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir / Back Order
1	RB T101530-9 Rev.A	RB T101530 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	8	8	0	0	0
2	RBW6521A00138-W142G-3T-3 Rev.1A	RBW6521A00138-W142G-3T OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	9	9	0	0	0
3	RBE117-12020-W14 Rev.B	RBE117-12020-W14 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	8	8	0	0	0
4	RBW6510G07131-6F Rev.A	RBW6510G07131-6F OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	6	6	0	0	0
5	RBA9935 Rev.2	RBA9935 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	BLACK-OXIDE CH	8	8	0	0	0

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DEC 02 2019
DART AEROSPACE LTD.

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Certificat de Conformité / Certificate of Compliance



2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupealtech.com

Bon de Livraison / Packing Slip

024462 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
02-Dec-2019		Karan Singh		POHB045219				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir / Back Order

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.